

FUNDAMENTAL CNC MILLING MULTI-AXIS CONVERSATIONAL HEIDENHAIN



COURSE OVERVIEW

This course provides in-depth introduction of fundamental working concept on CNC Milling 4 & 5 Axis programming prior to machining. Preliminary application of determining the correct cutting strategy and proper setting-up of tooling are significant to achieve improved machining efficiency with safety in-mind. Focus on developing basic Multi-Axis programming skill and safety attitude to enhanced participant's confident level when working with CNC 4 & 5 Axis Milling Machine.

COURSE OBJECTIVES

Upon completion of this course, participants will be able to:

- Understand various application and technology of CNC Multi-Axis.
- Prepare NC program prior to Multi-Axis machining.
- Prepare Set-up Sheet for tools and workpiece prior to machining.
- Apply appropriate action to increase machining efficiency.

THE UNIQUENESS OF THIS COURSE

- Practical training on simulation using iTNC530 Programming Station along with actual machining and cutting demonstration at the CNC 4 & 5 Axis Milling Machine.
- Experienced and Certified trainers.

WHO SHOULD ATTEND

This course is designed to those who are related to the manufacturing and tooling design industry.

Target Group: Tooling designer, Production engineers, Tooling engineers, Mould maker, CNC's technicians and technical trainers.

KEY TOPICS

- Introduction to CNC Multi Axis
- Multi Axis Cutting Strategy
- Multi Axis Tooling Application
- Basic Tilt Work Plane Programming
- Specific Canned Cycles & M-Codes
- Programming & Machining Safety

METHODOLOGY

Consist of practical activity with Heidenhain software, lessons delivery is via demonstration, practical and discussions.

COURSE DURATION

3 Days.

PRE-REQUISITE

Participants should have basic in 3 axis machining and CNC milling programming.

CERTIFICATION

Certificate of attendance will be issued to those who fulfill 80% attendance.

Minimum Participant: 6

For further details, please contact:

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